

1    **ABSTRACT**

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3    **Circulation Tool****Figure 1**

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5    A downhole tool for circulating fluid in a well bore. The  
6    tool includes an axial inlet and outlet with radial  
7    second outlets. A sleeve moves over the second outlets to  
8    control circulation of fluid. The sleeve can be  
9    selectively locked in an opened or closed configuration  
10   while the tool is in tension or compression. Variation of  
11   fluid pressure in the work string and stroking the tool  
12   move the sleeve between the operating positions. Cyclic  
13   operation of the tool is also described.